

| EMPLOYEE TRAINING RECORD | | |
|--|-------------------------------|-------------|
| TRAINING TITLE Ferric Chloride | | |
| KEY TEACHING POINTS | | |
| EXPOSURE LIMITS • None established. • pH 1.0 | | |
| FIRE AND EXPLOSION DATA • Does not burn. • Decomposing may create hydrogen chloride gas. | | |
| APPARANCE AND COLOR • An orange-brown liquid with slightly acid odor. | | |
| REACTIVITY DATA • Exposure to heat and light will accelerate decomposition. • Incompatible with most common metals, aluminum, strong bases, and strong oxidizing agents. | | |
| HEALTH HAZARD • Acidic. Prolonged exposure may cause dermatitis. Ingestion may cause nausea and vomiting. | | |
| FIRST AID • Inhalation: Remove to fresh air. Quickly restore and/or support breathing. • Skin and eyes: Flush with water for minimum of 15 minutes. Seek medical attention. • Ingestion: Do not induce vomiting. Give water, milk or milk of magnesia. | | |
| RESPIRATORY PROTECTION • Provide adequate general and local exhaust ventilation. • Provide air supplied or self-contained breathing equipment for emergency or nonroutine situations where methan level is excessive. | | |
| PERSONAL PROTECTIVE EQUIPMENT • Wear goggles, faceshield, apron, chemical gloves, rainwear when working around chemical. | | |
| FERRIC CHLORIDE IS STORED IN THE CHEMICAL ROOM. WEAR APPROPRIATE PPE. | | |
| TEST | | |
| QUESTION | ANSWERS | |
| | TRUE | FALSE |
| 1 This chemical is an acid. | | |
| 2 Any respirator will work with ferric chloride. | | |
| 3 Ferric Chloride is not harmful. | | |
| 4 Ferric chloride is orange-brown in color with a slightly acid odor. | | |
| 5 If exposed to the skin, flush for a minimum of 15 minutes. | | |
| EMPLOYEE'S NAME | EMPLOYEE'S SIGNATURE | DATE |
| INSTRUCTOR'S NAME | INSTRUCTOR'S SIGNATURE | DATE |

1. True 2. False 3. False 4. True 5. True